

Abstract Of The Disclosure

Apparatus and methods are provided for use in filtering emboli from a vessel, wherein a vascular filter disposed on a guidewire, the vascular filter comprising a support hoop disposed from a suspension strut so as to permit lateral eccentric displacement of the support hoop relative to a longitudinal axis of the guidewire. A blood permeable sac is affixed to the support hoop to form a mouth of the blood permeable sac. The support hoop is disposed obliquely relative to the guidewire and is capable of being properly used in a wide range of vessel diameters. The support hoop collapses the mouth of the blood permeable sac during removal of the vascular filter to prevent material from escaping from the sac. A delivery sheath and introducer sheath for use with the vascular filter of the present invention are also provided.